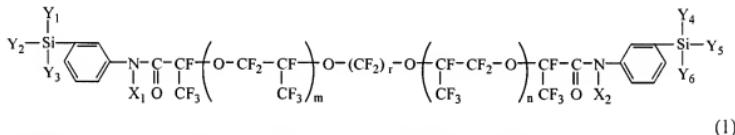


AMENDED CLAIM SET:

1. (currently amended) A heat-curable fluoropolyether rubber composition comprising

(A) 100 parts by weight of a straight-chain perfluoropolyether compound having at least two alkenyl groups in a molecule represented by the general formula (1):



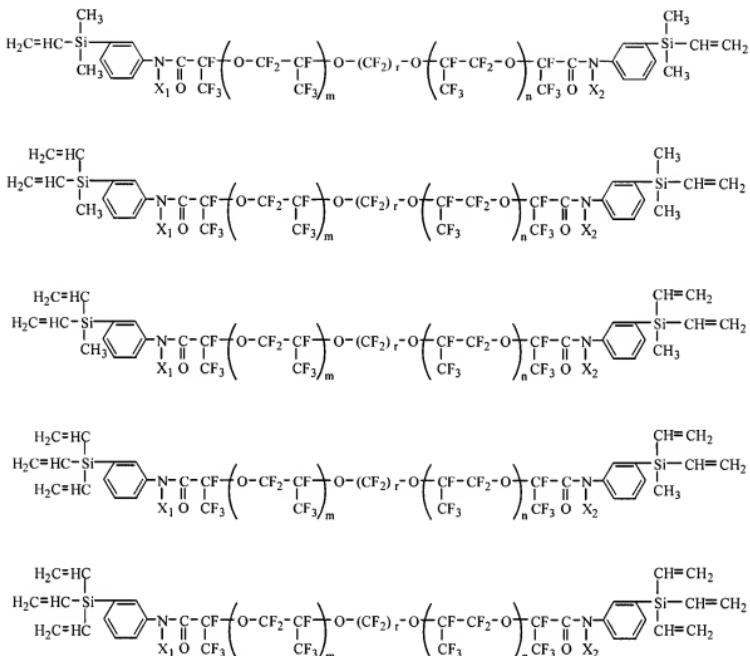
(1)

wherein X1 and X2 each are hydrogen, methyl, phenyl, or allyl, at least three of Y1, Y2, Y3, Y4, Y5, and Y6 are alkenyl groups, the remaining Y groups are substituted or unsubstituted monovalent hydrocarbon groups, r is an integer of 2 to 6, and m and n each are integers such that the number average molecular weight of the compound of formula (1) is 5000 to 25,000, wherein the alkenyl content in the compound is 0.008 to 0.12 mol/100 grams,

(B) 1 to 100 parts by weight of a reinforcing filler, and

(C) 0.1 to 5 parts by weight of an organic peroxide.

2. (currently amended) The composition of claim 1 wherein the straight-chain perfluoropolyether compound (A) has an alkenyl content of 0.002 to 0.3 mol/100 g is a mixture of compounds represented by the following formulae:



3. (cancelled).

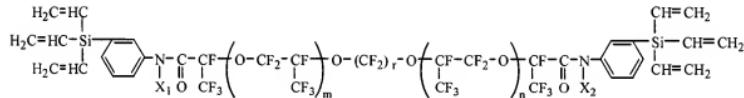
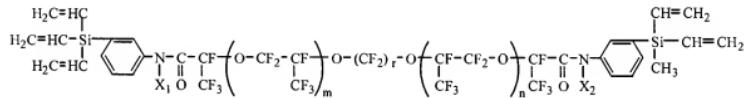
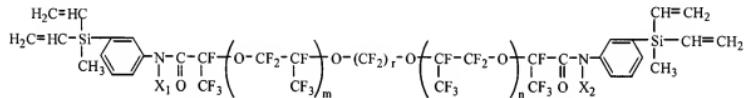
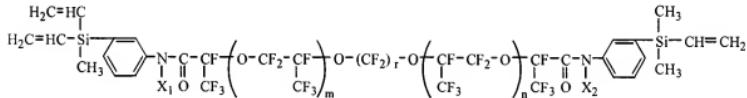
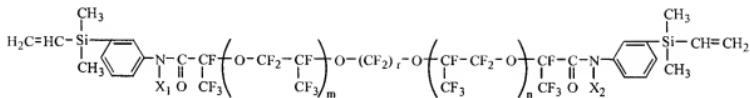
4. (original) The composition of claim 1 wherein the reinforcing filler (B) is carbon black, fumed silica or fumed silica treated with a surface treating agent containing silicon in a molecule.

5. (original) A rubber article comprising the curable fluoropolyether rubber composition of claim 1 in the heat-cured state.

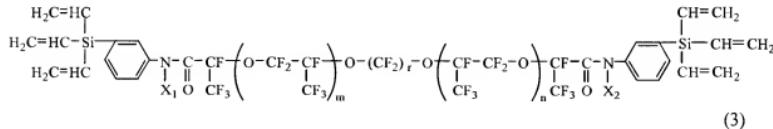
6. (original) The rubber article of claim 5 for use in automobiles, chemical plants, ink jet printers, semiconductor manufacturing lines, analytical or scientific instruments, medical equipment, aircraft or fuel cells.

7. (original) The rubber article of claim 5 which is a diaphragm, valve, O-ring, oil seal, gasket, packing, joint or face seal.

8. (new) The heat-curable fluoropolyether rubber composition of claim 1, wherein component (A) is selected from the groups consisting of compounds represented by the following formulae or mixtures thereof:

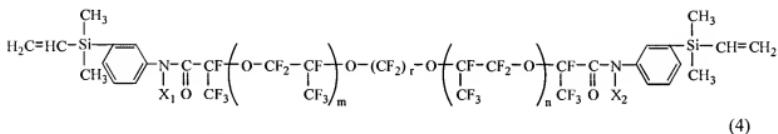


9. (new) The heat-curable fluoropolyether rubber composition of claim 1, wherein component (A) is a polymer having the formula (3):



having a vinyl content of 0.037 mol/100 grams.

10. (new) The heat-curable fluoropolyether rubber composition of claim 1, wherein component (A) is a polymer having the formula (3):



having a vinyl content of 0.013 mol/100 grams.